



Republic of the Philippines
Department of Education
REGION VIII - EASTERN VISAYAS

January 10, 2022

OFFICE MEMORANDUM

No. **019** s. 2022

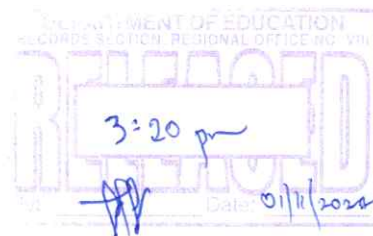
To: Schools Division Superintendent of Catbalogan City
All Others Concerned

SERVICE CREDITS TO THE PARTICIPANTS IN THE ORIENTATION AND INTENSIVE TRAINING OF THE MATHEMATICAL INVESTIGATION AND MODELLING CURRICULUM

1. Attached is DM-OUCI-2021-00591 dated December 14, 2021, announcing the provision of Service Credits to the participants in the Orientation and Intensive Training of the Mathematical Investigation and Modelling Curriculum last July 12 to August 20, 2021.
2. In view thereof, the concerned participant from Eastern Visayas Regional Science High School is tasked to comply with the requirements stipulated in the attached memorandum in order to avail the 15-day service credits.
3. Immediate dissemination of and compliance with this Memorandum are desired.

Ar: *rmif*
EVELYN R. FETALVERO, CESO IV
Regional Director *ls*

CLMD-SSC





Republic of the Philippines
Department of Education
UNDERSECRETARY FOR CURRICULUM AND INSTRUCTION



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BCD-CSDD-O-2021-2828

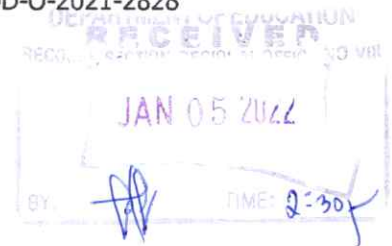
MEMORANDUM
DM-OUCI- 2021-00 591

FOR : **MINISTER, MBHTE-BARMM**
REGIONAL DIRECTORS

FROM : **DIOSDADO M. SAN ANTONIO**
Undersecretary

SUBJECT : **Service Credits to the Participants in the Orientation and Intensive Training of the Mathematical Investigation and Modelling Curriculum**

DATE : December 14, 2021



As part of the efforts to further strengthen the offerings in the Special Science Program, the Mathematical Investigation and Modelling (MIM) Curriculum was finalized this year. The intent of the MIM was to provide the learners in the Special Science Program an option to conduct research in the field of mathematics.

Contingent to the implementation of the MIM is the orientation and intensive training of the MIM Core team members. Twenty-one (21) mathematics teachers from various regions participated in the training which was mentored by esteemed advisers and experts from prestigious universities. The training was rigorous and required the participants to conduct investigative project grounded on mathematical theories and modeling project applying the theories to solve real-world problems. It required readings and other course works comparable to a graduate level mathematics. The training culminates in the presentation of a paper in mathematical investigation and mathematical modelling.

The intensive training, being a long-term and continuous design required teachers to attend on the following schedules of plenary sessions and perform tasks relative to the training. The dates below fall during the vacation period of teachers.

DATES	ACTIVITIES	Number of Hours
July 12, 2021	Mathematical Investigation by Dr. Barry Kissane	3 hours
July 13, 2021	Mathematical Modeling by Maria Hernandez	3 hours
July 16, 2021	Orientation on Intensive Training design, schedules and expectations	3 hours



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DATES	ACTIVITIES	Number of Hours
July 19, 2021	Overview of Modeling Frameworks by Dr. Angelyn Lao	2 hours
July 22, 2021	Introduction to Mathematical Investigation by Dr. Flordeliza Francisco	2 hours
July 27, 2021	The use of Mathematical Software by Dr. Ian June Garces	2 hours
July 29, 2021	Optimization, Network and Disease Modeling by Dr. Jomar Rabajante	2 hours
August 3, 2021	Population Growth and Predator-Prey Models by Dr. Jose Ernie Lope	2 hours
August 5, 2021	Exploring, Conjecturing and Asking Questions by Dr. Debbie Marie Verzosa	2 hours
August 12, 2021	Coding and Simulation by Dr. Randy Caga-anan	2 hours
August 13, 2021	Testing and Justifying Conjectures by Dr. Arlene Pascasio	2 hours
August 17, 2021	Modeling in Real Life by Dr. Elvira de Lara-Tuprio	2 hours
August 18, 2021	Mathematical Writing by Dr. Jerico Bacani	2 hours
August 20, 2021	LaTeX Activities by Dr. Richell Celeste	2 hours
	Total: Plenary Sessions	31 hours

There were 18 weeks of break-out sessions from August 23 to December 24, 2021 where the teachers-trainees met with the experts during their common free time, oftentimes on a Friday night or weekend. In each week, the teachers have a meeting with their Resource Persons in Mathematical Investigation and Mathematical Modeling separately for two or more hours. Furthermore, their projects in math investigation and modeling require readings and conduct of research with data gathering, analysis and paper writing. The average time spent in a week for the coursework is 7 hours, which is 126 hours from August to December. The total training hours starting July is 157 hours.

As per DO 53 s. 2003 also known as Updated Guidelines on Grant of Vacation Service Credits to Teachers, service credits may be granted to attendance/participation in Special DepEd projects and activities which are short-term in duration such as Science and Math Mentors' Training if such are held during the summer vacation or during weekends.

The following teacher-participants shall be accorded 15-day service credits upon submission of Accomplishment Report and duly signed DTRs.



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BCD-CSDD-O-2021-2828

Region	Name	School/ Station
CAR	Beverly T. Ngao-i	Tabuk City National High School
I	Imelda N. Canumay	Regional Science High School
II	Aljon S. Bucu	Regional Science High School
III	Cristian F. David	Angeles City Science High School
NCR	Lambert G. Quesada	Signal Village National High School
CALABARZON	Shielalyn B. Incien	Calamba City Science Integrated School
MIMAROPA	Wilbert C. Laylay	Bangud National High School
V	Teresita S. Arlante	Naga City Science High School
NCR	Joel D. Mariano	Quezon City Science High School
VI	Ma. Visitacion N. Macavinta	Regional Science High School
VII	Julius Ceasar E. Carballo	Dumaguete Science High School
VIII	Maria Jiya L. Gabonada	Eastern Visayas Regional Science High School
NCR	Mark-Anthony Vidallo	Makati Science High School
IX	Joephy H. Saldivar	Kabasalan Science and Technology HS
X	Glenmark A. Dal	Gusa Regional Science High School
XI	Analiza B. Mocoy	Davao Oriental Regional Science High School
NCR	Diana Grace B. Aniban	Manila Science High School
XII	Rallie Ann D. Taborete	Alabel Regional Science High School
CARAGA	Myrna H. Conol	CARAGA Regional Science High School
BARMM	Darwin Javier Daliposon	Lamitan National High School
BARMM	Anabelle Cosicol-Navarro	ARMM Regional Science High School

For appropriate action.